

## Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)

[ATT-0290-12-SMA-02](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

NOTES:

1.0 SPECIFICATIONS:

1.1 FREQ. RANGE: DC to 18.0 GHz

1.2 ATTENUATION ACCURACY:  
 0dB +0.3/-0dB  
 0.5 - 6dB ±0.3dB  
 7 - 20dB ±0.5dB  
 21 - 30dB ±1.0dB  
 31 - 40dB ±1.5dB  
 41 - 50dB ±2.0dB

1.3 MAXIMUM VSWR: 1.07 + .015 f (GHz)

1.4 MAXIMUM INPUT POWER: 2 WATTS AVG  
 AT +25°C DERATED LINEARLY TO  
 0.5 WATTS AT +125°C

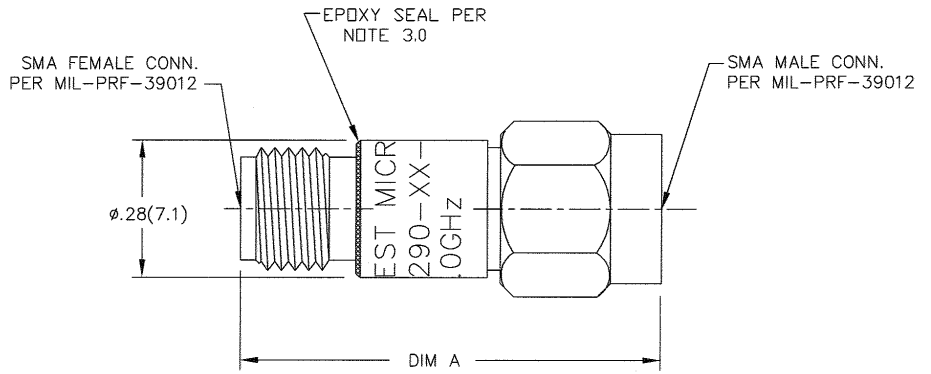
1.5 OPERATING TEMP. RANGE: -65°C to +125°C

2.0 MARKING

2.1 MARK UNIT AS SHOWN  
 (REF.: INK-03809-27-XX)

3.0 EPOXY UNIT AS SHOWN (REF.; EPX-08000-44-01)

4.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



| ATTENUATION VALUE | DIM A      |
|-------------------|------------|
| 0 thru 12dB       | .86(21.8)  |
| 13 thru 30dB      | 1.02(25.9) |
| 31 thru 50dB      | 1.13(28.6) |

SEE HISTORY FILE FOR REV. HISTORY

DWG NO. WAS: 02333-01-00

| REV. | DESCRIPTION    | DATE    |
|------|----------------|---------|
| I    | RELEASED       | 4/24/92 |
| M    | ECN 6933       | 1/26/90 |
| M1   | SHOW CORR. P/N | 2/15/90 |
| N    | ECN 10832      | 9/3/91  |
| O    | REDRAW ON CAD  | 4/24/92 |
| P    | ECN 12471      | 10/6/93 |
| R    | ECN 14639      | 8/3/94  |
| S    | ECN 16175      | 9/22/97 |
| T    | ECN 18603      | 6/20/02 |
| U    | ECN 19666      | 6/17/04 |
| V    | ECN 21171      | 1/4/07  |

|   |   |                          |
|---|---|--------------------------|
| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br><br>3 PLACE DECIMALS ±.005<br>2 PLACE DECIMALS ±.02<br>FRACTIONS ±1/64<br>PARALLELITY: T.I.R.<br>FLATNESS: T.I.R.<br>CONCENTRICITY: T.I.R.<br>ANGLES AND PERPENDICULARITY: ±1' | FSCM NO.<br><b>34078</b>  | <b>MIDWEST MICROWAVE</b> |
|   | NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave |                          |
|   | TITLE<br>ATTENUATOR   |                          |
|   | DRAWING NUMBER<br>ATT-0290-XX-SMA-02  | SCALE: 5=1               |